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## PATENTS

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants: F. Haviv, et al.

Serial No.: 09/718591

Filed: November 22<sup>nd</sup>, 2000

Patent No.: 6753408

Issued: June 22<sup>nd</sup>, 2004Title: PEPTIDES HAVING  
ANTIANGIOGENIC ACTIVITY

Case No.: 6633.US.02

Group Art No.: 1653

Examiner: Lukton, David

I hereby certify that this paper (along with any paper referred to as being attached or enclosed) is being deposited with the United States Postal Service on the date shown below with sufficient postage as first class mail in an envelope addressed to the:

Certificate of Correction Branch  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Date of Deposit: January 10<sup>th</sup>, 2006

*Sherell Brownlee-Davis* 1/10/06  
Sherell Brownlee-Davis Date

TRANSMITTAL LETTER

Certificate of Correction Branch  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Certificate  
JAN 20 2006  
of Correction

Dear Sir:

Enclosed herewith for the patent application identified above entitled PEPTIDES HAVING ANTIANGIOGENIC ACTIVITY are the following:

1. Request for Certificate of Correction;
2. Certificate of Correction (PTO 1050), in duplicate; and
3. Return Receipt Postcard

The Commissioner is hereby authorized to charge any additional Filing Fees required under 37 CFR §1.16, as well as any patent application processing fees under 37 CFR §1.17 associated with this communication for which full payment had not been tendered, to Deposit Account No. 01-0025.

ABBOTT LABORATORIES  
Customer Number 23492  
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Respectfully submitted,  
Haviv, et al.

*Johanna M. Corbin*  
Johanna M. Corbin  
Registration No. 51,582  
Attorney for Applicants



**PATENTS**

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Applicants: F. Haviv , et al.

Serial No.: 09/718591

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*Sherell Brownlee-Davis* 1-10-06  
Sherell Brownlee-Davis Date

**REQUEST FOR CERTIFICATE OF CORRECTION**

**Certificate of Correction Branch  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450**

Dear Sir:

Upon review of the final printed copies of the above-identified patent and comparison with the application file, Applicants have identified errors in the patent as printed. Accordingly, Applicants request that a Certificate of Correction be issued pursuant to 35 U.S.C. 254 for this patent as set forth on the attached Form PTO 1050, identifying errors by column and line from the patent. Since the errors appear to be due to the fault of the Patent and Trademark Office, Applicants believe no fee is due.

Respectfully submitted,  
Haviv, et al.

ABBOTT LABORATORIES  
Customer Number 23492  
Telephone: (847) 935-7956  
Facsimile: (847) 938-2623

*[Signature]*  
Johanna M. Corbin  
Registration No. 51,582  
Attorney for Applicants

UNITED STATES PATENT AND TRADEMARK OFFICE  
CERTIFICATE OF CORRECTION

Page 1 of 6

PATENT NO. : 6,753,408 <sup>B1</sup>  
APPLICATION NO.: 09/718,591  
ISSUE DATE : June 22, 2004  
INVENTOR(S) : Fortuna Haviv, et al.

It is certified that an error appears or errors appear in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

Col. 38, line 59

After the word "methionyl" insert

-- N-methylalanyl,  
N-methylprolyl,  
prolyl,  
pyro-glutamyl,  
sarcosyl,  
seryl,  
threonyl,  
H<sub>3</sub>C-C(O)-HN-(CH<sub>2</sub>)<sub>q</sub>-C(O)-, wherein q is an integer from 1 to 8, and  
H<sub>3</sub>C-C(O)-HN-CH<sub>2</sub>CH<sub>2</sub>-O-(CH<sub>2</sub>CH<sub>2</sub>O)<sub>r</sub>-CH<sub>2</sub>-C(O)-, wherein r is an integer  
from 1 to 8;

with the proviso that Xaa<sub>1</sub> is absent when Xaa<sub>2</sub> is N-methylprolyl, H<sub>3</sub>C-C(O)-HN-(CH<sub>2</sub>)<sub>q</sub>-C(O)-, or H<sub>3</sub>C-C(O)-HN-CH<sub>2</sub>CH<sub>2</sub>-O-(CH<sub>2</sub>CH<sub>2</sub>O)<sub>r</sub>-CH<sub>2</sub>-C(O)-;

Xaa<sub>3</sub> is an amino acyl residue selected from the group consisting of  
alanyl, -- before the word "asparaginyI,".

MAILING ADDRESS OF SENDER (Please do not use customer number below): 6,753,408

Robert Deberardine  
Abbott Laboratories  
Dept. 377/AP6A-1  
100 Abbott Park, IL 60064-6004  
Abbott Park, IL 60064-6008

This collection of information is required by 37 CFR 1.322, 1.323, and 1.324. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 1.0 hour to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Attention Certificate of Corrections Branch, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

UNITED STATES PATENT AND TRADEMARK OFFICE  
CERTIFICATE OF CORRECTION

Page 2 of 6

PATENT NO. : 6,753,408 1

APPLICATION NO.: 09/718,591

ISSUE DATE : June 22, 2004

INVENTOR(S) : Fortuna Haviv, et al.

It is certified that an error appears or errors appear in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

Col. 39, line 12

After "3-(4-chlorophenyl)alanyl," insert -- 3-(3-cyanophenyl)alanyl,  
cysteinyl(S-ethyl),  
cysteinyl(S-methyl),  
2,4-diaminobutanoyl,  
2,3-diaminopropionyl,  
3-(3,4-dimethoxyphenyl)alanyl,  
3-(3-fluorophenyl)alanyl,  
3-(4-fluorophenyl)alanyl,  
histidyl,  
homophenylalanyl,  
homoseryl,  
lysyl(N-epsilon-acetyl),  
methionyl(sulfone),  
methionyl(sulfoxide),  
3-(4-methylphenyl)alanyl,  
3-(naphth-1-yl)alanyl,  
3-(naphth-2-yl)alanyl, -- before the word "ornithyl".

UNITED STATES PATENT AND TRADEMARK OFFICE  
CERTIFICATE OF CORRECTION

Page 3 of 6

PATENT NO. : 6,753,408 (71)

APPLICATION NO.: 09/718,591

ISSUE DATE : June 22, 2004

INVENTOR(S) : Fortuna Haviv, et al.

It is certified that an error appears or errors appear in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

Col. 39, line 30

After the word "D-alloisoleucyl," insert the word "D-allothrenoyl," before the word "D-allylglycyl,".

Col. 40, line 37

After the word "methionyl," insert "3-(naphth-1-yl)alanyl," before "3-(naphth-2-yl)alanyl,".

See Attachment 1

Col. 44, line 7

Replace "2,4-aminobutanoyl,"  
with --2,4-diaminobutanoyl,--.

Col. 44, line 47

Replace "3-(5-bromothieryl-2-yl)alanyl,"  
with --3-(5-bromothien-2-yl)alanyl,--.

Col. 46, line 65

After the word "threonyl," insert the word --D-threonyl,-- before "tryptyl, and".

Col. 48, line 8

Replace "cyclohexylglycyl,"  
with --cyclohexylglycyl,--.

Col. 51, line 1

Replace "Leu".  
with --Ile--

Attachment to PTO/SB/ 44 (08-00)  
Certificate of Correction

Attachment 1

Attachment 1

Col. 41, line 8

After the word "D-leucyl," insert "lysyl(N-epsilon-acetyl), lysyl(N-epsilon-isopropyl), methionyl(sulfone), methionyl(sulfoxide), methionyl, 3-(naphth-1-yl)alanyl, D-3-(naphth-1-yl)alanyl, 3-(naphth-2-yl)alanyl, D-3-(naphth-2-yl)alanyl, norleucyl, norvalyl, D-norvalyl, octylglycyl, penicillaminy, phenylalanyl, propargylglycyl," before "3-(3-pyridyl)alanyl,".

UNITED STATES PATENT AND TRADEMARK OFFICE  
CERTIFICATE OF CORRECTION

Page 5 of 6

PATENT NO. : 6,753,408 171

APPLICATION NO.: 09/718,591

ISSUE DATE : June 22, 2004

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Col. 51, line 20  
Replace "Gly-MePheAla".  
with --Gly-4-MePheAla- --.

Col. 52, line 3  
Replace "Leu".  
with --Ile--.

Col. 52, line 5  
Replace "Leu".  
with --Ile--.

Col. 52, line 7  
Replace "Leu".  
with --Ile--.

Col. 52, line 10  
Replace "Leu".  
with --Ile--.

Col. 52, line 12  
Replace "Leu".  
with --Ile--.

Col. 52, line 14  
Replace "Leu".  
with --Ile--.

Col. 52, line 16  
Replace "Leu".  
with --Ile--.

UNITED STATES PATENT AND TRADEMARK OFFICE  
CERTIFICATE OF CORRECTION

Page 6 of 6

PATENT NO. : 6,753,408 *m*

APPLICATION NO.: 09/718,591

ISSUE DATE : June 22, 2004

INVENTOR(S) : Fortuna Haviv, et al.

It is certified that an error appears or errors appear in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

Col. 52, line 18  
Replace "Leu".  
with --Ile--.

Col. 52, line 20  
Replace "Leu".  
with --Ile--.

Col. 52, line 26  
Replace "Leu".  
with --Ile--.



# UNITED STATES PATENT AND TRADEMARK OFFICE CERTIFICATE OF CORRECTION

Page 1 of 6PATENT NO. : 6,753,408 *M*

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Xaa<sub>3</sub> is an amino acyl residue selected from the group consisting of alanyl, -- before the word "asparaginyll,".

MAILING ADDRESS OF SENDER (Please do not use customer number below): 6,753,408

Robert Deberardine  
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Dept. 377/AP6A-1  
100 Abbott Park, IL 60064-6004  
Abbott Park, IL 60064-6008

2

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3-(3-fluorophenyl)alanyl,  
3-(4-fluorophenyl)alanyl,  
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